

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



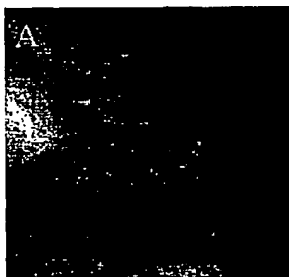
(43) International Publication Date  
22 April 2004 (22.04.2004)

PCT

(10) International Publication Number  
**WO 2004/032951 A1**

- (51) International Patent Classification<sup>7</sup>: **A61K 38/00**,  
A61P 35/00
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): WINQVIST, Ola  
[SE/SE]; Svankärrvägen 32 F, S-756 53 UPPSALA (SE).  
THÖRN, Magnus [SE/SE]; Geijersgatan 21 A, S-752 26  
UPPSALA (SE).
- (21) International Application Number:  
PCT/SE2003/001573
- (22) International Filing Date: 8 October 2003 (08.10.2003)
- (74) Agent: WEST SWEDEN LAW AB; Box 184, Drakegatan  
10, S-401 23 GÖTEBORG (SE).
- (25) Filing Language: English
- (26) Publication Language: English
- (81) Designated States (national): AU, JP, NZ, US.
- (30) Priority Data:  
02022787.2 11 October 2002 (11.10.2002) EP
- Published:  
— with international search report
- (71) Applicant (for all designated States except US):  
SAHLTECH I GÖTEBORG AB [SE/SE]; Olle Isaksson,  
Engelbrektsgatan 56, S-411 39 GÖTEBORG (SE).
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMMUNOTHERAPY IN CANCER TREATMENT



(57) Abstract: The present invention relates to a novel method of cancer immuno-therapy and to a kit for use in this method. Specifically, the present invention relates to a novel method of collecting lymphocytes from sentinel lymph nodes and in vitro culture for the multiplication thereof lymphocytes.

WO 2004/032951 A1